



HIV/AIDS Surveillance Summary, Vol. 17, No. 2

HIV Surveillance Program

Preventive Health and Safety Division – Communicable Disease Section
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This report is compiled every six months during the calendar year and is made possible by a cooperative agreement (#1u62ps0011025) between the Wyoming Department of Health and the Centers for Disease Control and Prevention. The next surveillance report will be available after June 30, 2009. Please visit our web site at: <http://wdh.state.wy.us/phsd/hivsurveillance> or contact Cheryl Corbin, HIV Surveillance Coordinator at 307-777-7719, email: cheryl.corbin@health.wyo.gov

Wyoming HIV/AIDS Surveillance Summary Cumulative, 1984 through December 31, 2008

Table 1. Number of cases and deaths^a by diagnostic status and age category

Diagnostic status	Adults or adolescents				Children (<13 yrs)				Total			
	No.	%	Deaths	%	No.	%	Deaths	%	No.	%	Deaths	%
HIV Infection (not AIDS)	98	29	8	5	3	60	0	0	101	29	8	5
AIDS - Immunologic	129	38	47	32	0	0	0	0	129	37	47	32
AIDS - All others	114	33	92	63	2	40	1	100	116	34	93	63
Total	341	100	147	100	5	100	1	100	346	100	148	100

Individuals are classified as HIV infection or AIDS and are not counted twice.

Table 2. Number of cases by age at diagnosis and sex^b

Age at diagnosis (yrs)	Males		Females		Total	
	No.	%	No.	%	No.	%
<13	3	1	2	3	5	1
13-24	23	8	8	12	31	9
25-44	186	67	41	61	227	66
45-64	63	23	14	21	77	22
>=65	4	1	2	3	6	2
Total	279	100	67	100	346	100

Table 3. Number of cases by race/ethnicity^c

Race/Ethnicity	Total	
	No.	%
Hispanic, All races	29	8
Not Hispanic, American Indian/Alaska Native	13	4
Not Hispanic, Black or African American	25	7
Not Hispanic, White	273	79
Other/Unknown	6	2
Total	346	100

Table 4. Number of cases among adults or adolescents by transmission category and sex^d

Transmission category	Males		Females		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	168	61	0	0	168	49
Injection drug use	36	13	20	31	56	16
Male-to-male sexual contact and injection drug use	36	13	0	0	36	11
Hemophilia/coagulation disorder	3	1	1	2	4	1
Heterosexual contact	5	2	33	51	38	11
Receipt of blood, components, or tissue	4	1	3	5	7	2
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR) ^e	0	0	0	0	0	0
No risk factor reported (NRR) ^f	24	9	8	12	32	9
Total	276	100	65	100	341	100

^aDeaths among persons reported in the selected time period.

^bData exclude (0) persons with missing or unknown sex.

^cData exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

^dData exclude (0) adults or adolescents with unknown or missing sex.

^eNIR: After one year, or after investigation, no risk factor identified.

^fNRR: No risk factor reported at the time of initial report.

Table 5. Number of cases, deaths⁹, and case fatality rates by time of diagnosis

Time of diagnosis	No.	Deaths	Case fatality rate %
Before 1985	2	2	100
1985	2	2	100
1986	5	5	100
1987	4	3	75
1988	11	9	82
1989	10	10	100
1990	16	9	56
1991	21	16	76
1992	15	13	87
1993	22	19	86
1994	17	11	65
1995	22	10	45
1996	13	6	46
1997	14	6	43
1998	10	7	70
1999	15	3	20
2000	9	4	44
2001	10	0	0
2002	20	3	15
2003	16	1	6
2004	19	4	21
2005	11	1	9
2006	13	1	8
2007	19	2	11
2008	30	1	3
Total	346	148	43

Table 6. Number of cases by county of residence at diagnosis

County of residence at diagnosis		
County	Frequency	Percent
ALBANY CO.	33	9.5
BIG HORN CO.	1	0.3
CAMPBELL CO.	15	4.3
CARBON CO.	17	4.9
CONVERSE CO.	5	1.4
CROOK CO.	4	1.2
FREMONT CO.	26	7.5
GOSHEN CO.	13	3.8
HOT SPRINGS CO.	3	0.9
JOHNSON CO.	1	0.3
LARAMIE CO.	95	27.5
LINCOLN CO.	8	2.3
NATRONA CO.	43	12.4
NIOBRARA CO.	2	0.6
PARK CO.	5	1.4
PLATTE CO.	5	1.4
SHERIDAN CO.	11	3.2
SUBLETTE CO.	2	0.6
SWEETWATER CO.	23	6.6
TETON CO.	21	6.1
UINTA CO.	10	2.9
WESTON CO.	3	0.9
TOTAL	346	100.0

⁹Deaths among persons reported in the selected time period.

Wyoming HIV/AIDS Surveillance Summary

January 1 through December 31, 2008

Table 1. Number of cases and deaths^a by diagnostic status and age category

Diagnostic status	Adults or adolescents				Children (<13 yrs)				Total			
	No.	%	Deaths	%	No.	%	Deaths	%	No.	%	Deaths	%
HIV Infection (not AIDS)	15	50	0	0	1	100	0	0	16	52	0	0
AIDS - Immunologic	15	50	1	100	0	0	0	0	15	48	1	100
Total	30	100	1	100	1	100	0	0	31	100	1	100

Individuals are classified as HIV infection or AIDS and are not counted twice.
Of the AIDS cases reported this period, 8 are considered new cases meaning not counted previously as HIV infection.

Table 2. Number of cases by age at diagnosis and sex^b

Age at diagnosis (yrs)	Males		Females		Total	
	No.	%	No.	%	No.	%
<13	<5	-	<5	-	<5	-
13-24	<5	-	<5	-	<5	-
25-44	14	58	<5	-	17	55
45-64	7	29	<5	-	11	35
>=65	<5	-	<5	-	<5	-
Total	24	-	7	-	31	-

Table 3. Number of cases by race/ethnicity^c and age category

Race/ethnicity	Total	
	No.	%
Not Hispanic, Black or African American	6	19
Not Hispanic, White	21	68
Other/Unknown	4	13
Total	31	100

Table 4. Number of cases among adults or adolescents by transmission category and sex^d

Transmission category	Males		Females		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	12	52	0	0	12	40
Injection drug use	2	9	0	0	2	7
Male-to-male sexual contact and injection drug use	3	13	0	0	3	10
Hemophilia/coagulation disorder	0	0	0	0	0	0
Heterosexual contact	1	4	3	43	4	13
Receipt of blood, components, or tissue	0	0	0	0	0	0
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR) ^e	0	0	0	0	0	0
No risk factor reported (NRR) ^f	5	22	4	57	9	30
Total	23	100	7	100	30	100

^aDeaths among persons reported in the selected time period.

^bData exclude (0) persons with missing or unknown sex.

^cData exclude (0) adults or adolescents and (0) children <13 years missing race/ethnicity.

^dData exclude (0) adults or adolescents with unknown or missing sex.

^eNIR: After one year, or after investigation, no risk factor identified.

^fNRR: No risk factor reported at the time of initial report.

Table 5. Number of cases, deaths⁹, and case fatality rates by time of diagnosis

Time of diagnosis	No.	Deaths	Case fatality rate %
2007	1	0	0
2008	30	1	3
Total	31	1	3

Table 6. Number of cases by county of residence at diagnosis

County of residence at diagnosis		
County	Frequency	Percent
ALBANY CO.	4	13
CARBON CO.	3	10
FREMONT CO.	3	10
LARAMIE CO.	14	45
LINCOLN CO.	1	3
PARK CO.	1	3
SWEETWATER CO.	5	16
TOTAL	31	100

⁹Deaths among persons reported in the selected time period.

Wyoming HIV/AIDS Surveillance Summary
HIV/AIDS Prevalence* as of 12/31/08

Table 1. Number of cases by diagnostic status and age category

Diagnostic status	Adults or adolescents		Children (<13 yrs)		Total	
	No.	%	No.	%	No.	%
HIV infection (not AIDS)	78	45	3	100	81	46
AIDS – Immunologic	71	41	0	0	71	40
AIDS - All others	24	14	0	0	24	14
Total	173	100	3	100	176	100

Individuals are classified as HIV infection or AIDS and are not counted twice.

Table 2. Number of cases by age at diagnosis

Age at diagnosis (yrs)	Total	
	No.	%
<13	3	2
13-24	23	13
25-44	119	68
45-64	30	17
>=65	1	1
Total	176	100

Table 3. Number of cases by race/ethnicity

Race/ethnicity	Total	
	No.	%
Hispanic, All races	21	12
Not Hispanic, American Indian/Alaska Native	7	4
Not Hispanic, Black or African American	14	8
Not Hispanic, White	127	72
Not Hispanic, Multi-race	5	3
Other/Unknown	2	1
Total	176	100

Table 4. Number of cases among adults or adolescents by transmission category

Transmission category	Males		Females		Total	
	No.	%	No.	%	No.	%
Male-to-male sexual contact	80	61	0	0	80	46
Injection drug use	17	13	8	20	25	14
Male-to-male sexual contact and injection drug use	18	14	0	0	18	10
Hemophilia/coagulation disorder	0	0	1	2	1	1
Heterosexual contact	6	5	21	51	27	16
Receipt of blood, components, or tissue	1	1	0	0	1	1
Perinatal exposure, HIV diagnosed >= 13 years old	0	0	0	0	0	0
Other risk factor reported	0	0	0	0	0	0
No identified risk factor (NIR) ⁱ	0	0	0	0	0	0
No risk factor reported (NRR) ^g	10	8	11	27	21	12
Total	132	100	41	100	173	100

*Individuals living with HIV/AIDS in Wyoming. Includes Wyoming and non-Wyoming cases.